

ABSTRACT OF THE DISCLOSURE

The present invention provides a method of applying a drug-polymer coating on a stent. A stent framework is dipped into a first polymeric solution including a first polymer, a first therapeutic agent, and a first solvent. The polymeric solution is dried and the first polymer is cured to form a thin drug-polymer layer on the stent framework. The steps of dipping the stent framework into the first polymeric solution, drying the first polymeric solution, and curing the first polymer are repeated until a target drug-polymer coating thickness is disposed on the stent framework. A drug-polymer coated stent including a stent framework and a laminated drug-polymer coated stent, a system for treating a vascular condition, and a method of treating a vascular condition are also disclosed.